

S/N 09/988,905

Response to Office Action Dated 08/24/2005

MODIFICATIONS TO CLAIM STATUS

In accordance with the PTO's revised Response format, a detailed listing of all claims has been provided. This listing of claims will replace all prior versions, and listings, of claims in the application.

5 By way of overview, claims 1—4, 6—9, 11—18 are currently pending. Of these pending claims:

- A) Claims 2—4, 6, 8, 9 and 12—15 remain in original form.
- B) Claims 1, 5, 7, 10, 11, 16 and 17 are currently amended.
- C) Claim 18 is new.

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1. (Currently Amended) A method, comprising:
measuring a print media skew of print media;
mapping unskewed print information to compensate for the print media skew,
15 thereby creating skew-corrected print information, wherein the mapping comprises
turning off half-toning to simplify the mapping; and
using the skew-corrected print information to apply a print image to the print media.

20 2. (Original) The method of claim 1, wherein measuring comprises:
measuring a left—right translation in a scan direction of the print media; and
measuring an angular rotation of the print media.

3. (Original) The method of claim 2, wherein mapping comprises mapping
25 location information associated with each pixel contained within the unskewed print

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information by an amount required to compensate for the left—right translation and the angular rotation of the print media.

4. (Original) A method of claim 1, wherein mapping comprises mapping
5 location information associated with each pixel contained within the unskewed print information by an amount required to compensate for the skew of the print media.

5. (Currently Amended) The method of claim 1, additionally comprising,
after mapping, turning off half-toning the print information to simplify the mapping.

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6. (Original) The method of claim 1, additionally comprising buffering
unskewed print information to provide sufficient input for the mapping.

7. (Currently Amended) A method, comprising:
15 taking a measurement of print media skew;
creating skew-corrected print information using the measurement of print media
skew, wherein the skew-corrected print information is created with half-toning turned off;
and

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8. (Original) The method of claim 7, wherein taking a measurement
comprises:

determining a left—right translation of the print media from a desired location;
and

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determining an angle of rotation of the print media from a desired orientation.

9. (Original) The method of claim 7, wherein creating skew-corrected print information comprises mapping a location of a pixel of unskewed print data according to the print media skew.

10. (Currently Amended) The method of claim 7, additionally comprising ~~turning off halftoning the to simplify creating~~ skew-corrected print information.

11. (Currently Amended) A system, comprising:
a sensor to sense skew of print media within a printer; and
a print output alignment module to map un-skewed print information to compensate for print media skew detected by the sensor, thereby creating skew-corrected print information, wherein the mapping comprises turning off half-toning to simplify the mapping, wherein the print output alignment module aligns align print output according to the skew of the print media.

12. (Original) The system of claim 11, wherein the print output alignment module comprises:
a skew evaluation module to interpret measurements made by the sensor; and
a print data mapping module to map unskewed print data to skew-corrected print data.

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13. (Original) The system of claim 11, additionally comprising a first print data buffer to store unskewed print data.

14. (Original) The system of claim 11, additionally comprising a second
5 buffer to store skew-corrected print data.

15. (Original) The system of claim 11, additionally comprising a media rejection module to reject the print media if the skew exceeds a threshold value.

10 16. (Currently Amended) A system to detect and compensate for print media skew within a printer, comprising:

a skew evaluation module to interpret measurements made by a sensor and determine print media skew;

a media rejection module to reject print media if the print media skew exceeds a
15 threshold value;

a first print data buffer to store unskewed print data;

a print data mapping module to map the unskewed print data to skew-corrected print data, wherein the print data mapping module turns off half-toning to simplify mapping; and

20 a second buffer to store the skew-corrected print data.

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17. (Currently Amended) A computer-readable medium having processor-executable instructions thereon which, when executed by a processor, cause the processor to:

measure skew of print media;

5 turn off half-toning to simplify skew-correction;

create skew-corrected print information according to the skew; and

apply a print image to the print media according to the skew-corrected print information.

10 18. (New) The computer-readable medium having processor-executable instructions of claim 17, additionally comprising processor-executable instructions thereon which half-tone the skew-corrected print image after it is created.